

Title (en)  
Battery and method of its manufacture

Title (de)  
BATTERIE UND VERFAHREN ZUR IHRER HERSTELLUNG

Title (fr)  
PILE ET PROCEDE POUR SA FABRICATION

Publication  
**EP 1353389 B1 20130522 (EN)**

Application  
**EP 03005644 A 20030312**

Priority  
JP 2002109187 A 20020411

Abstract (en)  
[origin: EP1353389A2] A battery includes a plurality of flat type batteries and a connector member that electrically connect the plurality of flat type batteries to one another. Each of the plurality of flat type batteries is provided with an outer sheath having a composite laminate film, an electric power generating component, which includes a positive electrode plate, a separator and a negative electrode plate and is accommodated in the outer sheath by compelling at least a part of a circumference of the outer sheath to be joined by thermally welded portions, a positive-electrode terminal lead conductive with the positive electrode plate and held between the thermally welded portions, and a negative-electrode terminal lead conductive with the negative electrode plate and held between the thermally welded portions. At least one of the positive-electrode terminal lead and the negative-electrode terminal lead has a surface covering layer made of a metal different from that of its terminal mother material. <IMAGE>

IPC 8 full level  
**H01M 2/02** (2006.01); **H01M 2/06** (2006.01); **H01M 2/30** (2006.01); **H01M 2/32** (2006.01); **H01M 50/178** (2021.01); **H01M 50/548** (2021.01); **H01M 50/55** (2021.01); **H01M 50/557** (2021.01); **H01M 50/562** (2021.01); **H01M 50/566** (2021.01); **H01M 50/571** (2021.01); **H02J 7/00** (2006.01)

CPC (source: EP US)  
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Cited by  
CN108140753A; US7008720B2; CN103477466A; EP1936717A1; US7781096B2; US9236617B2; WO2006124218A3; WO2017063879A1; WO2006067919A3; WO2006020419A3; US10777784B2; US11424501B2; US9143675B2; US10375295B2; US10674071B2

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DOCDB simple family (application)  
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